

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Company
4620 Richmond Road
Cleveland OH 44128

Emergency Telephone Number

Call Chemtrec at 1-800-424-9300

Product Identifier:

Free All® Deep Penetrating Oil Aerosol

Product Description:

Complex Mixture

Product Use:

Lubricating Compound

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
Solvent*	108-10-1	50 ppm	50 ppm
Blend of Lube Oil and Penetrant			
Propellents (CO2)	124-38-9	5000 ppm	5000 ppm

N/A = Not Available or Not Established

* Product contains 50% Methyl Isobutyl Ketone CAS No (108-10-1) which is subject to the reporting requirements of Section 313 of SARA Title III

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health 2 Flammability 3 Reactivity 0

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS:

ACUTE HEALTH EFFECTS:

May become slippery if spilled on floor.

May cause severe eye irritation but no lasting damage.

Transient irritation may result from extended skin contact.

If ingested may cause gastrointestinal discomfort.

The breathing of concentrated vapors may lead to death.

CHRONIC HEALTH EFFECTS:

Years of exposure to high concentrations of solvent vapors could result in lung, liver or kidney damage.

Section 4 First Aid Measures

INHALATION:	Remove to fresh air, administer oxygen if available if breathing is labored. If breathing has stopped administer artificial respiration. Summon medical help immediately.
INGESTION:	Unlikely to occur. Do not induce vomiting, consult a physician immediately.
EYES:	Flush eyes immediately with large quantities of water, lifting the lower and upper lids occasionally. If irritation persists consult a physician.
SKIN:	Flush the contaminated skin and wash with soap and water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam), dry chemical, carbon dioxide.

SPECIAL PRECAUTIONS: Water spray may be ineffective but may be used to cool containers. Fog nozzle is preferred. Wear self contained breathing apparatus. Closed containers may explode from internal pressure build up when exposed to extreme heat, and discharge contents.

HAZARDOUS COMBUSTION PRODUCTS: may include dense smoke, carbon dioxide, and under conditions of restricted air supply carbon monoxide.

FLASH POINT: Does not apply to aerosol containers. Refer to can label for information

LOWER FLAMMABLE LIMIT: Not established

UPPER FLAMMABLE LIMIT: Not established

AUTOIGNITION TEMPERATURE: Not established

Section 6 Accidental Release Measures

Isolate the spill area, and keep unnecessary people away. Absorb spilled material with a suitable inert absorbent material. Collect and dispose of the contaminated absorbent in accordance with local state and federal laws.

Section 7 Handling and Storage

HANDLING: Avoid contact with the skin and eyes. Use good industrial hygiene practices. Provide adequate ventilation. Keep containers closed. No smoking or open flame in storage areas. Wash hands after using product and before eating, drinking, smoking or using toilet facilities.

STORAGE: Do not puncture or incinerate cans. Do not tamper with valve. Do not take internally or spray into eyes. If spilled avoid breathing vapors. Ventilate area, remove all sources of ignition, clean up area with absorbent material and place in closed containers for proper disposal..

Section 8 Exposure Controls/Personal Protection

VENTILATION REQUIREMENTS: In confined areas local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits. Ventilation systems must be designed according to approved engineering standards. If more than one third of the can is to be discharged at one time then a NIOSH approved organic vapor/dust respirator should be used.

PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals.

GLOVES: If prolonged or repeated skin contact is expected wear gloves as appropriate to prevent skin contact. Butyl and nitrile rubbers are recommended.

RESPIRATORY: Provide adequate ventilation in the workplace.

OTHER: Eating and smoking should be prohibited in areas where product is handled. Nothing replaces good personal hygiene. Coveralls or other full body clothing shall be worn and properly laundered after use. Workers should wash hands, face, neck, and arms before eating, drinking, or smoking.

Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Aerosol can	ODOR AND APPEARANCE:	White color - mild odor.
LOWEST BOILING POINT:	Does not apply	VAPOR PRESSURE:	Not established
VAPOR DENSITY:	Not established	WATER SOLUBILITY:	Insoluble
% ORGANIC VOLATILES:	60.0% w/w	pH	Not applicable

Section 10 Stability and Reactivity

STABILITY: This product is stable under recommended conditions of storage and handling.

REACTIVITY: Product may react with strong oxidizers or strong acids

Section 11 Toxicological Information

Exposure limits: The limits reported in Section 2 of this document refer to other physical forms of the ingredients present in this product. Limits for the formulated product have not been determined.

None of the components of this product have been reported as carcinogenic by NTP, OSHA or IARC.

Section 12 Ecological Information

General: Not expected to present any significant ecological problems.

Section 13 Transportation Information

Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions.

Section 14 Transportation Information

DOT HAZARD CLASS:	Consumer commodity ORM-D
PROPER SHIPPING NAME:	Consumer commodity ORM-D
IDENTIFICATION NUMBER:	UN 1950

Section 15 Regulatory Information

Listed below are chemical substances subject to supplier notification requirements. The percentages, when present represent average values.

CAS Number	SARA	WHMIS	CA-65
	313		

Methyl Isobutyl Ketone X X

CA-65 - Chemical substances identified under the California Proposition 65 column are known to the State of California to cause cancer and/or reproductive toxicity.

TSCA STATUS: All ingredients of this product comply with the requirements of the US EPA Toxic Substances Control Act.

Section 16 Other

Prepared by R. L.

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Company makes no warranty, either express or implied, including merchantability and fitness.

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer
Federal Process Company
4620 Richmond Road
Cleveland OH 44128

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300
Product Identifier: Lube-it All (LA-12) - Aerosol
Product Description: Complex Mixture
Product Use: Lubricating Compound

Section 2 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Chemical Name	CAS #	OSHA PEL	ACGIH
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm
Deodorized Kerosene	8008-20-6	200 ppm	200 ppm
Propellents *	Mixture	1000 ppm	1000 ppm

The remaining ingredients are non-hazardous lubricating oils.

N/A = Not Available or Not Established

Compounds marked with a * are subject to the reporting requirements of Section 313 of SARA Title III

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health 2

Flammability 4

Reactivity 1

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS:

May become slippery if spilled on floor.

ACUTE HEALTH EFFECTS:

May cause severe eye irritation but no lasting damage.

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SKIN: Flush the contaminated skin and wash with soap and water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Foam (Aqueous Film Forming Foam), dry chemical, carbon dioxide.

SPECIAL PRECAUTIONS: Water spray may be ineffective but may be used to cool containers. Fog nozzle is preferred. Wear self contained breathing apparatus. Closed containers may explode from internal pressure build up when exposed to extreme heat, and discharge contents. Avoid possible accumulations of vapors at floor level, as vapor is heavier than air. Avoid possible bursting of aerosol can. Do not store where temperature may exceed 120 F. Do not puncture or incinerate.

HAZARDOUS COMBUSTION PRODUCTS: may include dense smoke, carbon dioxide, and under conditions of restricted air supply carbon monoxide.

EXTREMELY FLAMMABLE:

FLASH POINT: Does not apply to aerosol containers. Refer to can label for information

LOWER FLAMMABLE LIMIT: 1.9%

UPPER FLAMMABLE LIMIT: 9.5%

AUTOIGNITION TEMPERATURE: Not established

Section 6 Accidental Release Measures

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Section 7 Handling and Storage

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Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Aerosol can	PRESSURE IN CAN:	Approx 55 psig
ODOR AND APPEARANCE:	Oily light green liquid, solvent odor.	VAPOR PRESSURE:	Not established
LOWEST BOILING POINT:	Does not apply	WATER SOLUBILITY:	Insoluble
VAPOR DENSITY:	Heavier than air	pH	Not applicable
% ORGANIC VOLATILES:	100.0% w/w		

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Section 14 Transportation Information

DOT HAZARD CLASS:	Consumer commodity ORM-D
PROPER SHIPPING NAME:	Consumer commodity ORM-D
IDENTIFICATION NUMBER:	None

Section 15 Regulatory Information

Listed below are chemical substances subject to supplier notification requirements. The percentages, when present represent average values.

CAS Number	SARA	WHMIS	CA-65
	313		
Liquified petroleum Gas	10 - 30%		

CA-65 - Chemical substances identified under the California Proposition 65 column are known to the State of California to cause cancer and/or reproductive toxicity.

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